



Zoom™ In on

Our Renewable Earth

# Conservation

Andrea Rivera



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Printed in the United States of America, North Mankato, Minnesota  
102016  
012017



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Africa Studio/Shutterstock Images, 17; Mosay May/Shutterstock Images, 18

Editor: Emily Temple

Series Designer: Madeline Berger

Art Direction: Dorothy Toth

#### **Publisher's Cataloging-in-Publication Data**

Names: Rivera, Andrea, author.

Title: Conservation / by Andrea Rivera.

Description: Minneapolis, MN : Abdo Zoom, 2017. | Series: Our renewable Earth |

Includes bibliographical references and index.

Identifiers: LCCN 2016948924 | ISBN 9781680799385 (lib. bdg.) |

ISBN 9781624025242 (ebook) | ISBN 9781624025808 (Read-to-me ebook)

Subjects: LCSH: | Conservation of natural resources--Juvenile literature. |

Renewable energy sources--Juvenile literature.

Classification: DDC 333.72--dc23

LC record available at <http://lcn.loc.gov/2016948924>



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# Science

Earth has many  
**natural resources.**





But they are limited.



**It is important not to  
use them up.**



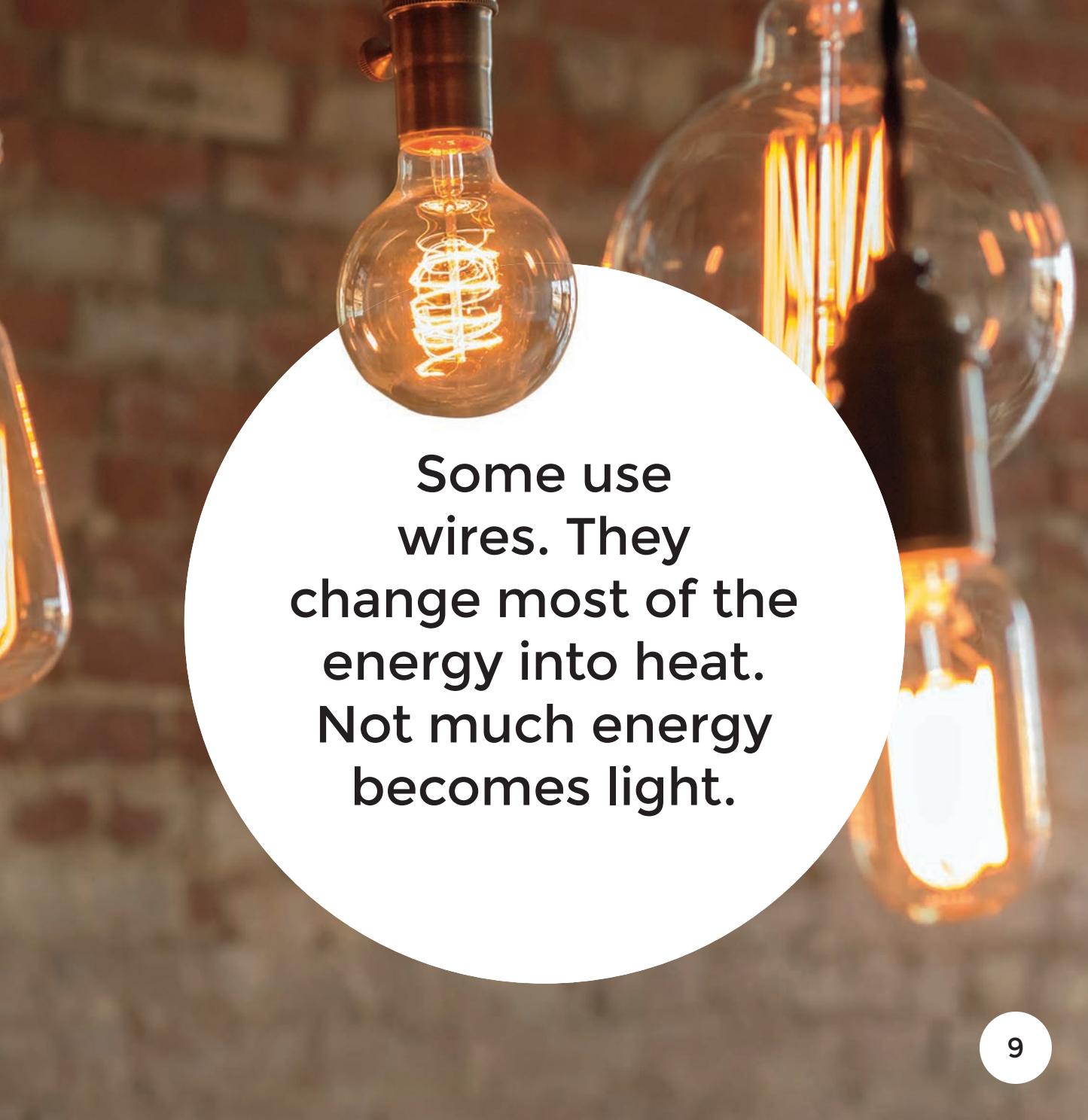
**Protecting** them is called  
conservation.



# Technology



Lightbulbs use  
**energy.**

The background of the slide features several incandescent light bulbs hanging against a brick wall. One bulb in the upper left is in sharp focus, showing its internal filament. Other bulbs are visible in the foreground and background, some out of focus, creating a warm, ambient atmosphere. A large white circle is centered on the slide, containing the text.

**Some use  
wires. They  
change most of the  
energy into heat.  
Not much energy  
becomes light.**



Other lightbulbs use gas.  
They turn more energy into light.





**Less energy becomes heat.  
Using these lightbulbs  
conserves energy.**



# Engineering

Green roofs reuse rainwater.  
Grass and plants grow  
on the roofs.

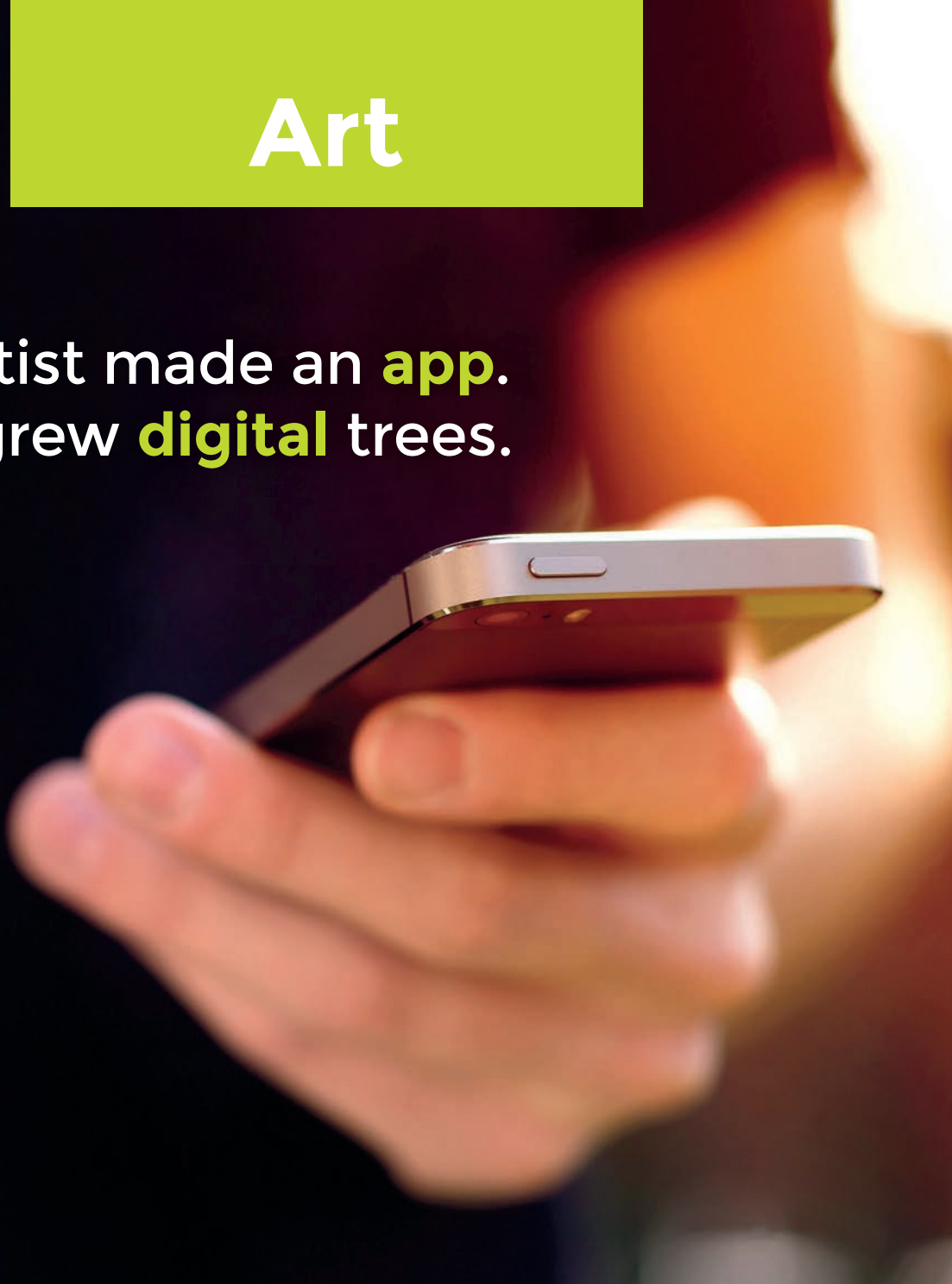




Layers of fabric help soil soak up water. This helps the water not be wasted.

# Art

One artist made an **app**.  
Users grew **digital** trees.





The trees showed on the Eiffel Tower. Then a real tree was planted for each user.



# Math


People do about 215 loads of dishes each year. Many wash dishes by hand. But an average dishwasher uses about 15 gallons (57 L) less water in each load. It saves water.





**Showers help conserve water, too. A bath uses about 70 gallons (265 L) of water.**





A shower  
uses much  
less.

- The United States uses more energy than any other country.
- Many people cut down forests in the 1800s. The US government created national parks in part to protect them.
- The International Union for Conservation of Nature (IUCN) was formed in 1948. It works with local people to protect animal species.







# Glossary

**app** - short for application, a program on an electronic device.

**digital** - something made with computer technology.

**energy** - power that can be used to do work.

**natural resource** - a material produced by the earth that is useful to people. Forests, water, oil, and minerals are natural resources.

**protecting** - keeping something safe from injury or harm.

# Booklinks

For more information  
on **conservation**, please visit  
[booklinks.abdopublishing.com](http://booklinks.abdopublishing.com)



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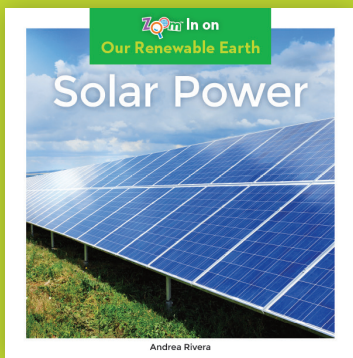
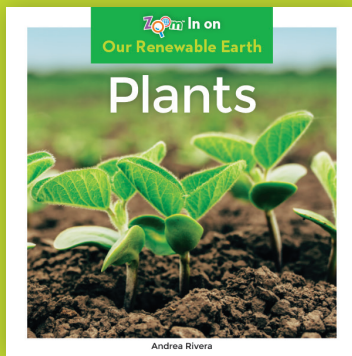
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ISBN 978-1-68079-938-5

